

ZBP

30, 50, 60 and 70



Briquetting for wood and other waste materials

ZBP series briquettin presses are designed for briquetting wood shavings, saw dust and other waste. Through this operation not only storage and transport costs will be reduces, but the final product-briquettes are a valuable fuel. Depending on the throughput and material, the briquetting presses can be individually adapted to various tasks.



ZBP

BRIQUETTING PRESSES

Our universal
briquetting presses

ZBP briquetting presses



ZBP 50 / ZBP 50 S*:

The entry-level model! For applications in small businesses with a low volume of material. The Briquette-Ø is 50 mm.

*** S-versions in the ZBP series:**

higher power with increased hydraulic pressure. Feed materials can therefore be compacted more firmly in the press unit. As a result, the finished briquettes are more solid and compact.

Wood chips, shavings, sawdust, etc. occur in all workshops and industrial enterprises in the wood processing industry.

Every day, enormous storage and transport costs are incurred as a result. These briquetting presses offer an ideal solution as briquettes, in contrast, save space and are easy to store and transport. In addition, the risk of spontaneous combustion is greatly reduced. The briquetting presses do not require much space, are solidly built, and utilise low-maintenance technology. Whether wood, paper, biomass, foam or polystyrene, ZBP machines can briquette any suitable material. With throughput of up to 35-130 kg/h, they are particularly suited to small and medium sized businesses. Can be installed in a wide variety of spaces as left-hand and right-hand models are available.

So start briquetting!

Complete from a single source

The right solution for



ZBP 60 / ZBP 60 S*:

For applications in businesses that have a medium volume of material to be compacted. The Briquette-Ø is 60 mm.

ZBP 70 / ZBP 70 S*:

For applications in businesses that have a constant supply of shavings or dust to briquette. The Briquette Ø is 70 mm.



Permanently rotating agitator
with discharge screw for transporting material into press unit.



Hydraulic unit
is arranged separately for easy accessibility during maintenance



Option briquette length monitoring
For trouble-free, constant production of equal length briquettes



Programmable logic controller (PLC)
for fully automatic operation can be set user-friendly



Option oil cooling for hydraulic system
necessary in multi-shift operation



Dustproof filling chute
with sensors for trouble-free operation

any application in a woodworking shop or wood processing business

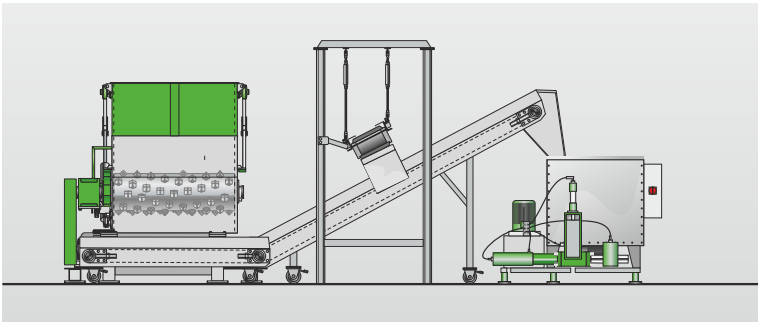


30 mm

ZBP KALIBER 30:

For the production of compact briquettes with 30 mm diameter

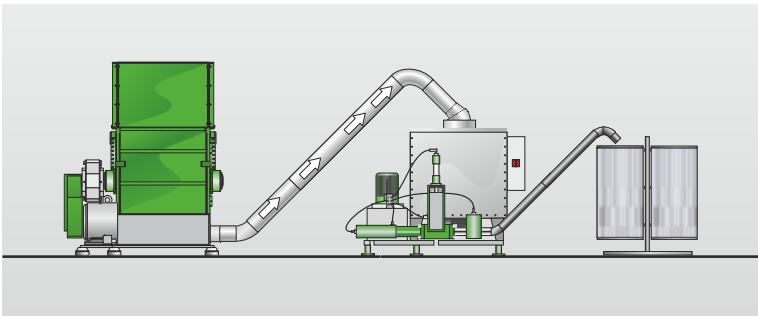
The AMIS briquetting press type ZBP 30 KALIBER produced 30 mm briquettes. The briquettes are ideal for combustion in wood gasifiers and smaller chips boilers / heating systems. Any material of a woodworking company (chips, dust, etc.) can be briquetted.



Material input of waste and scrap wood

Removal of contaminants e.g. metal

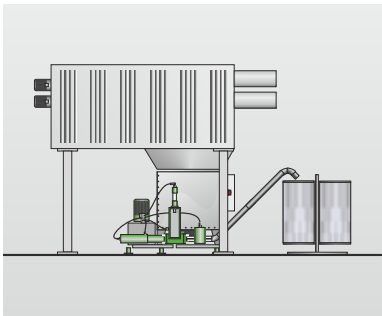
Briquetting



Material feed of wood waste cut into shavings in shredder

Screw conveyor transports shavings into the briquetting press

Finished briquettes are collected in a bagging unit

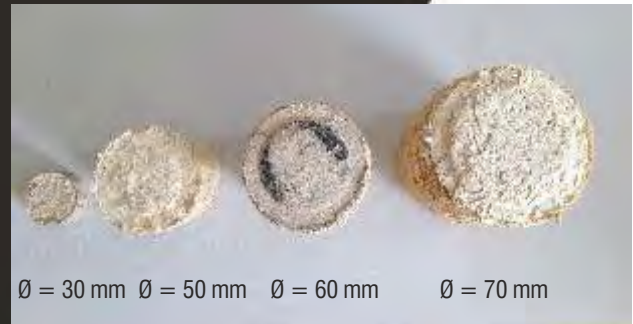


Use under an extraction or filter system to compress the dust

ZBP

BRIQUETTING PRESSES

Only by AMIS:
the full range
of briquette sizes!



Ø = 70 mm



Ø = 60 mm



Ø = 50 mm



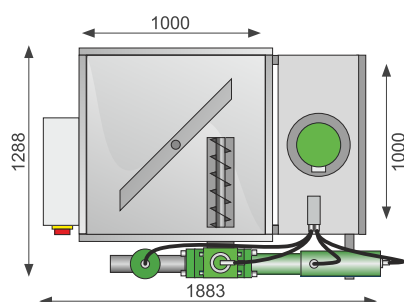
Ø = 30 mm



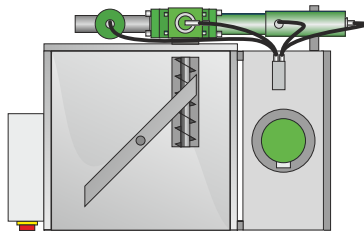
ZBP BRIQUETTING PRESSES

Technical Data

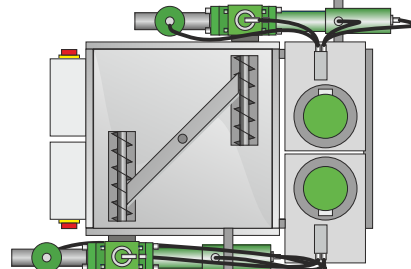
Right-hand version



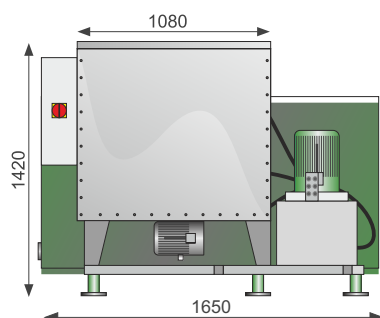
Left-hand version



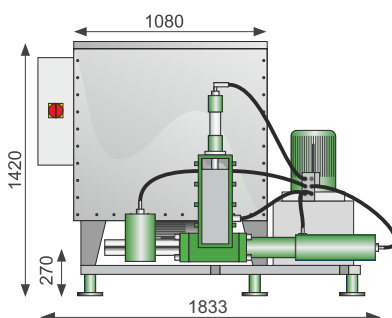
Duo version (for high throughput)



Dimensions ZBP 30



Dimensions ZBP 50



Features:

- Fill lever indicator
- Oil cooler
- Oil heater
- Standard containers can be changed on request
- „DUO“-Versions

| Type ZBP | | 30 | 50 | 50 s | 60 | 60 s | 70 | 70 s |
|-------------------------|--------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Briquette diameter | (mm) | 2 x 30 | 50 | 50 | 60 | 60 | 70 | 70 |
| Standard hopper size | (mm) | 1040 x 1040 | 1000 x 1000 | 1000 x 1000 | 1000 x 1000 | 1000 x 1000 | 1000 x 1000 | 1000 x 1000 |
| Voltage | (V) | 380 – 420 | 380 – 420 | 380 – 420 | 380 – 420 | 380 – 420 | 380 – 420 | 380 – 420 |
| Motor power | (kW) | 4 / 5,5 | 5,5 | 7,5 | 5,5 | 7,5 | 7,5 | 11 |
| Screw conveyor diameter | (mm) | | 150 x 150 | 150 x 150 | 150 x 150 | 150 x 150 | 180 x 180 | 180 x 180 |
| Throughput | (kg)* | bis 50 | ca. 35 – 70 | ca. 35 – 70 | ca. 40 – 80 | ca. 40 – 80 | ca. 70 – 130 | ca. 70 – 130 |
| Weight | (kg)** | ca. 800 | ca. 750 | ca. 750 | ca. 750 | ca. 750 | ca. 900 | ca. 950 |

*Throughput is dependent on the material and residual moisture content, which should not be more than 18%

**Depending on equipment

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